

ONE EYE CLOSED - TWO EYES CLOSED

Robert J. Rutten
Sterrewacht Sonnenborgh
Utrecht, The Netherlands

ABSTRACT

Classical solar spectroscopy studies the sun ignoring its inhomogeneities, resolving center-to-limb variations only. Stellar spectroscopy does not even resolve these. It behooves solar spectroscopy to ascertain what stellar information can be distilled at given spectral purity (see Rutten and Cram 1981).

Subtracting the Jungfrauoch intensity atlas from the Sacramento Peak flux atlas shows the deterioration from poor spatial resolution to no spatial resolution; this is done by Rutten and van der Zalm (1984) for 600 lines.

REFERENCES

- Rutten, R.J., and Cram, L.E. 1981, in "The Sun as a Star", ed. S.D. Jordan, CNRS-NASA Monograph Series on Nonthermal Phenomena in Stellar Atmospheres, NASA SP-450, part IV.
- Rutten, R.J., and van der Zalm, E.B.J. 1984, february issue of Astron. Astrophys. Suppl., in press.